

STEREO MOC Status Report
Time Period: 2019:364 - 2020:005

STEREO Ahead (STA) Status:

1. The following Ground System anomalies/events occurred during this reporting period:

- On day 365, during the DSS-14 support, SLE telemetry binds were dropped at 2020-001-000000z, due a software problem at the year rollover. This anomaly resulted in the loss of 3.7 hours of MOC real-time telemetry monitoring. The issue was resolved and the SLE TLM binds were re-established prior to the next support. See DR #N111315 for more information.
- On day 365, during the DSS-14 support, the ranging system hung at 2020-001-0000z through 001-0029z. The system reported values of zero due a software problem at the year rollover. This anomaly resulted in the loss of 29 minutes of ranging data. See DR #G120792 for more information.
- On day 002, during the DSS-14 support, monitor data stopped updating between 0111z and 0150z, due to a link connection problem. This anomaly had no operational impact. See DR #G120794 for more information.
- On day 003, during the DSS-14 support, the ranging system modulation was delayed until 0113z, due to a link connection problem. This anomaly resulted in the loss of two minutes of ranging data. See DR #G120799 for more information.

2. The following spacecraft/instrument events occurred during this week. The Ahead observatory operated nominally during this week.

- On day 005, the PLASTIC team is continuing to monitor the rates and Post Acceleration (PAC) Power Supply current, which continue to decline slowly over time.
- The average daily science data return for Ahead was 7.0 Gbits during this week.